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Department of Energy

ROCKY FLATS FIELD OFFICE
P.O. BOX 928
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OCT 28 1994

94-DOE-11013

Mr. Martin Hestmark
U. S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-FF
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Mr. Joe Schieffelin
Hazardous Waste Facilities Unit Leader
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Gentlemen:

Enclosed is the treatability test report for the Physical Separation Treatability Study. The transmittal of this report is partial fulfillment of the November 12, 1994, milestone for the Site Wide Treatability Studies program.

The objective of the study focused on the behavior of selected metals in various physical separation process unit operations. To study these behaviors, samples were taken from various products obtained during the TRU/Clean treatability study. These samples were then analyzed for the metals of interest and conclusions were drawn from the analytical results. Based on the results of this treatability study, the metals of interest were not effectively concentrated in the unit processes used in the TRU/Clean process. This may indicate that the metals were present as naturally occurring, low density minerals which would not respond strongly to gravity concentration techniques.

The Department of Energy requests that you acknowledge the receipt of this report prior to November 4, 1994. If you have any questions please contact Norma Castaneda at extension 4226.

Sincerely,

A handwritten signature in cursive script, reading "Steven W. Slaten", is positioned above the typed name.

Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

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Enclosure